

FORM PTO-1390
REV. 5-93US DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**

ATTORNEYS DOCKET NUMBER

P04,0510

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)

10/522318INTERNATIONAL APPLICATION NO.
PCT/DE2003/02429INTERNATIONAL FILING DATE
July 18, 2003PRIORITY DATE CLAIMED
July 30, 2002

TITLE OF INVENTION: "X-RAY FLUORESCENT MATERIAL AND METHOD FOR VAPOR DEPOSITION THEREOF ON A SUBSTRATE" (As Amended)

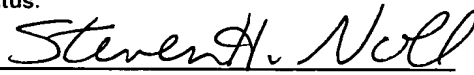
APPLICANT(S) FOR DO/EO/US Manfred Fuchs, Erich Hell, Wolfgang Knüpfer, Detlef Mattem and Peter Röhrer

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay.
4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☒ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ has been transmitted by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. §371(c)(3))
 - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ have been transmitted by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). **Executed**
10. ☒ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern other document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98; (PTO 1449, Prior Art, Search Report).
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
13. ☒ A FIRST preliminary amendment.
A SECOND or SUBSEQUENT preliminary amendment.
14. ☒ A substitute specification. **Marked up version of Substitute Specification**
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information:
 - a. ☒ **Submission of Drawings for Publication**
 - b. ☒ **EXPRESS MAIL # Mailed EL 843731534 US**
 - c. ☐

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.51) 10/522318		INTERNATIONAL APPLICATION NO. PCT/DE2003/02429		ATTORNEY'S DOCKET NUMBER P04,0510	
17. <input checked="" type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5): (Search Report has been prepared by the EPO or JPO) \$1000.00 (Includes National Stage, Search, and Examination Fees)				CALCULATIONS	PTO USE ONLY
				ENTER APPROPRIATE BASIC FEE AMOUNT = \$1000.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).					
Claims	Number Filed	Number Extra	Rate		
Total Claims	13-20 =	0	X \$50.00	\$00	
Independent Claims	1-3 =	0	X \$200.00	\$00	
Multiple Dependent Claims			\$300.00 +		
TOTAL OF ABOVE CALCULATIONS =				\$1000.00	
Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity statement must also be filed. (Note 37 C.F.R. 1.9, 1.27, 1.28)					
SUBTOTAL =				\$1000.00	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$00	
TOTAL NATIONAL FEE =				\$1000.00	
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property +				SEE SEPARATE ENVELOPE	
TOTAL FEES ENCLOSED =				\$1000.00	
				Amount to be refunded	
				charged	
a. <input checked="" type="checkbox"/> A check in the amount of \$1000.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 501519 . A duplicate copy of this sheet is enclosed.					
NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO: Schiff Hardin LLP Patent Department 6600 Sears Tower Chicago, Illinois 60606-6473 Customer Number 26574			<div style="text-align: center;">  SIGNATURE </div> <div style="text-align: center;"> Steven H. Noll NAME 28,982 Registration Number </div>		